



09/40794

2/3

RECEIVED
OCT -8 2002

TECHNOLOGY CENTER 2800

PLEASE USE THIS FOR PTO FORM 1449 FOR NON-PATENT MATERIALS

Copy of December 1996 Vintage J.A. WOOLLAM CO. M-44/M-88 MULTIWAVELENGTH ELLIPSOMETERS indicating Focused Spot to 20 Microns, including signed Letter from Roger Bruhn, the photographer who took the pictures therein, which letter attests to the date it was produced.

Copy of SOPRA Brochure disclosing their MOSS System, which utilizes Achromatic Focusing lenses and which predates 11 July 2000. Sopra is a competitor of the J.A. Woollam Co. Inc.

Article from October 1997 J. of Tribology titled "Flying Height Measurement on Al₂O₃ Film of a Magentic Slider" by Yufeng Li of Samsung; discloses use of a J.A. Woollam Co. M-44 Multiwavelength Ellipsometer to focus a beam to 17 microns. This system had doublet achromatic lenses installed therein.

Article from Thin Solid Films Published 27 March 2000, by Zapien et al, showing use of achromatic focusing lenses before and after a sample in a spectroscopic ellipsometer.

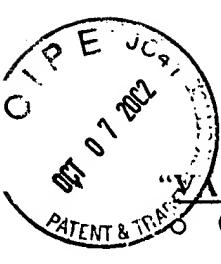
Excerpts from a "classic" textbook titled OPTICS, by Hecht, Addison Wesley Press, (1977), which describes use of Multiple Element Achromatic Lenses.

Article from Thin Solid Films Published April 1993, by El-Ghazzawi et al, showing use of focusing lenses in the SOPRA company model "MOSS ES-4G Spectroscopic Ellipsometer"

Two J.A.Woollam Co. spectroscopic ellipsometer "models" with achromatic multiple-element lenses sold prior to July 11, 2000: "M-44 (44 wavelengths, blue to red), and "VASE" (continuous wavelengths from blue to infrared).

DETAILED DOCUMENTATION:

- "M-44" spectroscopic ellipsometers:
 - Catalog pages of Edmund Scientific Corporation achromatic lens sets (dated prior to July 11, 2000).
 - J.A.Woollam Co., Inc. Purchase Orders from Edmund Scientific Company, with catalog cover dates and part numbers predating July 11, 2000.
 - Evidence of sales (Purchase orders, shipping documents, invoices, from customers) of the "M-44" type spectroscopic ellipsometers containing achromatic focusing lenses prior to July 11, 2000.
 - Order bills for M-44 Ellipsometer with achromatic focusing lenses for NANometrics Corporation. Order numbers correspond with "Packing List" and "Purchase Order Receiver" numbers listed in Erik Bylin's Affidavit.



09/40, 794 3/3

"VASE" spectroscopic ellipsometers:

Catalog pages of Melles Griot Corporation achromatic lens sets (with issue dates prior to July 11, 2000).

- J.A. Woollam Co., Inc. Purchase Orders, packing list, shipping documents, invoices, from Melles Griot Corporation, with catalog cover dates and part numbers predating July 11, 2000.
- Evidence of sales (Purchase orders, from customers) of the "VASE" type spectroscopic ellipsometers containing achromatic focusing lenses prior to July 11, 2000.
- Instruction manual dated 1994 for use of the focusing VASE with achromatic focusing lenses.
- VASE advertisement from February 1999 R&D Magazine.

U.S., EPO AND JAPANESE VERSIONS OF DANNER ET AL.
PATENT APPLICATIONS:

EPO EP 1 172 642 A2
JAPAN 2002098591 A
US US 2002/0024669 A1

RECEIVED
TECHNOLOGY CENTER 2800
JULY -8 2002

AFFIDAVITS ATTESTING TO THE FACT THAT THE J.A. WOOLLAM CO.,
INC. PROVIDED ELLIPSOMETER SYSTEMS WITH ACHROMATIC LENSES
ON BOTH SIDES OF A SAMPLE PRIOR TO 11 JUNE 2000.

Affidavit from John Woollam, President of J.A. Woollam Co.

Affidavit from Hiroki Hashimoto of Fujitsu Corporation, Japan in both English and Japanese; along with the Fujitsu purchase order sheet and Acceptance Report.

Affidavit from Michio Suzuki of J.A. Woollam Co., Japan in both English and Japanese; along with purchase order sheet.

Affidavit from Geng Wang of Samsung Information Systems America, Inc.; along with the purchase order and original quotation.

Affidavit from Erik Bylin, Product Manager, NANOMetrics Corporation